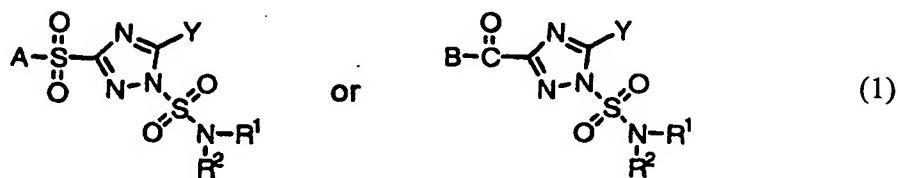


CLAIMS

1. A process for producing a sulfamoyl compound of the formulae (1):

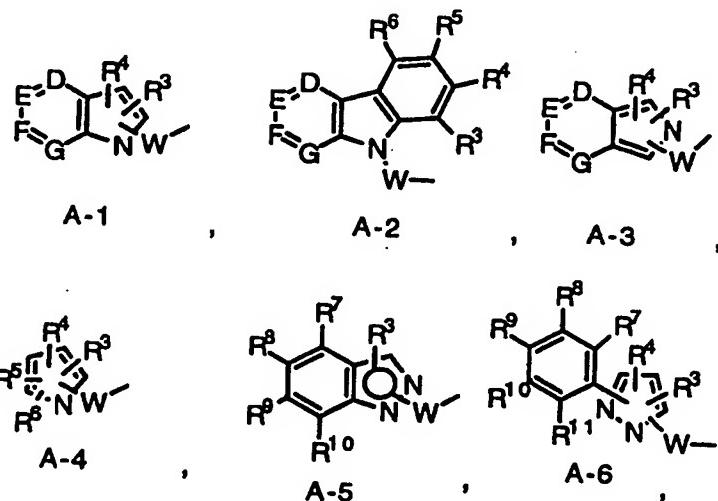


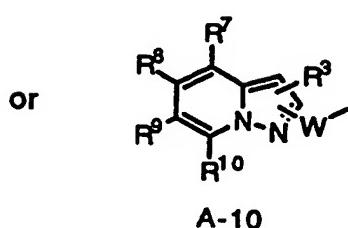
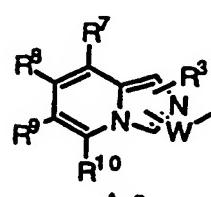
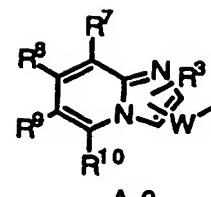
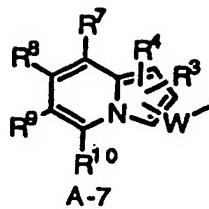
wherein

R^1 and R^2 are each independently C_{1-4} alkyl, or R^1 and R^2 together are C_{4-6} alkylene or C_{4-6} alkyleneoxy,

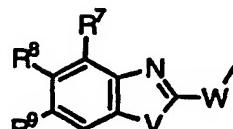
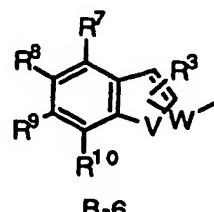
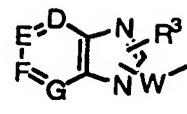
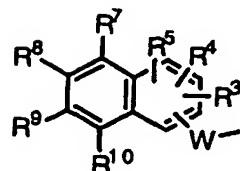
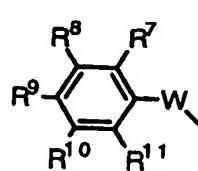
Y is H, halogen, C_{1-8} alkyl, C_{1-4} alkoxy, C_{1-8} alkylthio, C_{1-8} haloalkyl, C_{1-8} haloalkoxy or C_{1-8} haloalkylthio,

A is





B is A-1 to A-10, or



W is a chemical bond or O,

V is O or S,

D, E, F and G are each independently N, CR⁷, CR⁸, CR⁹ or CR¹⁰, and

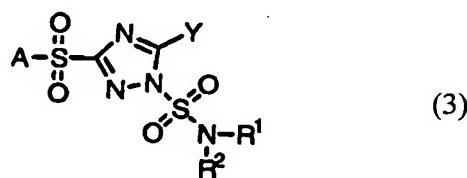
$R^3, R^4, R^5, R^6, R^7, R^8, R^9, R^{10}$ and R^{11} are each independently H, C₁₋₈, alkyl, C₃₋₈, cycloalkyl, C₂₋₈ alkenyl, C₅₋₈ cycloalkenyl, C₂₋₈ alkynyl, C₁₋₈, alkoxy, C₃₋₈ cycloalkyloxy, C₅₋₈ cycloalkenyloxy, C₂₋₈ alkenyloxy, C₂₋₈ alkynyloxy, C₁₋₈ alkylthio, C₃₋₈ cycloalkylthio, C₅₋₈ cycloalkenylthio, C₂₋₈ alkenylthio, C₂₋₈ alkynylthio, C₁₋₈ haloalkyl, C₁₋₈ haloalkoxy, C₁₋₈ haloalkylthio, C₂₋₈ haloalkenyl, C₂₋₈ haloalkenyloxy, C₂₋₈ haloalkenylthio, C₂₋₈ haloalkynyl, C₂₋₈ haloalkynyloxy, C₂₋₈ haloalkynylthio, phenyl which may be substituted (the kinds of substituent include halogen, C₁₋₈ alkyl, C₁₋₈ haloalkyl, C₁₋₈ alkoxy, C₁₋₈ haloalkoxy, C₁₋₈ alkylthio, C₁₋₈ haloalkylthio, C₁₋₆ alkylsulfoxy, C₁₋₆ alkylsulfonyl, CN, NO₂ and C₁₋₆ alkoxycarbonyl, the number of the substituents is 1 to 5, and the substituents may be identical or different), phenyl C₁₋₄ alkyl which may be substituted, benzylthio which may be substituted, benzyloxy which may be substituted, phenoxy C₁₋₄ alkyl which may be substituted, phenoxy which may be substituted, phenylthio C₁₋₄ alkyl which may be substituted, phenylthio which may be substituted, benzoyl which may be substituted, benzoyl C₁₋₄ alkyl which may be substituted, benzoyloxy which may be substituted, benzoyloxy C₁₋₄ alkyl which may be substituted, naphthyl which may be substituted, 5 or 6 membered heterocyclic ring which may be substituted, C₁₋₈ hydroxyalkyl, C₁₋₈ hydroxyhaloalkyl, C₁₋₆ alkoxy C₁₋₄ alkyl, C₁₋₆ haloalkoxy C₁₋₄ alkyl, C₁₋₆ haloalkylthio C₁₋₄ alkyl, C₁₋₁₀ dialkoxy C₁₋₄ alkyl, C₁₋₃ alkylenedioxy C₁₋₄ alkyl, C₁₋₆ alkylthio C₁₋₄ alkyl, C₁₋₁₀ dialkylthio C₁₋₄ alkyl, C₁₋₃ alkylenedithio C₁₋₄ alkyl, C₁₋₆ alkoxycarbonyl, C₁₋₆ haloalkoxycarbonyl, C₁₋₆ alkoxyoxalyl, CHO, CO₂H, C₁₋₆ alkoxycarbonyl C₁₋₄ alkyl, C₁₋₆ haloalkoxycarbonyl C₁₋₄ alkyl, NH₂, C₁₋₆ alkylamino, C₁₋₆ alkylcarbonylamino, C₁₋₆ alkylcarbonylamino C₁₋₄ alkyl, C₁₋₆ haloalkylcarbonylamino, C₁₋₆ haloalkylcarbonylamino C₁₋₄ alkyl, C₁₋₆ alkoxycarbonylamino, C₁₋₆ alkoxycarbonylamino C₁₋₄ alkyl, C₁₋₆ alkylsulfonylamino, C₁₋₆ alkylsulfonylamino C₁₋₄ alkyl, C₁₋₆ haloalkylsulfonylamino, C₁₋₆ haloalkylsulfonylamino C₁₋₄ alkyl, C₁₋₆ dialkylamino, C₁₋₆ dialkylamino C₁₋₄ alkyl, C₁₋₆ dialkylaminocarbonyl, C₁₋₆ dialkylaminocarbonyl C₁₋₄ alkyl,

C₂₋₆ alkyleneimino, C₂₋₆ alkyleneimino C₁₋₄ alkyl, C₂₋₆ alkyleneiminocarbonyl, C₂₋₆ alkyleneiminocarbonyl C₁₋₄ alkyl, C₁₋₆ alkylcarbonyl, C₁₋₆ alkylcarbonyloxy, C₁₋₆ haloalkylcarbonyl, C₁₋₆ haloalkylcarbonyloxy, C₁₋₆ alkylcarbonyl C₁₋₄ alkyl, C₁₋₆ alkylcarbonyloxy C₁₋₄ alkyl, C₁₋₆ haloalkylcarbonyl C₁₋₄ alkyl, C₁₋₆ haloalkylcarbonyloxy C₁₋₄ alkyl, hydroxyimino C₁₋₄ alkyl, C₁₋₆ alkoxyimino C₁₋₄ alkyl, C₁₋₆ alkylcarbonyloxyimino C₁₋₄ alkyl, C₁₋₆ alkylsulfonyloxyimino C₁₋₄ alkyl, C₁₋₆ alkylsulfoxy, C₁₋₆ haloalkylsulfoxy, C₁₋₆ alkylsulfoxy C₁₋₄ alkyl, C₁₋₆ haloalkylsulfoxy C₁₋₄ alkyl, C₁₋₆ alkylsulfonyl, C₁₋₆ haloalkylsulfonyl, C₁₋₆ alkylsulfonyl C₁₋₄ alkyl, C₁₋₆ haloalkylsulfonyl C₁₋₄ alkyl, C₁₋₆ alkylsulfonyloxy, C₁₋₆ haloalkylsulfonyloxy, C₁₋₆ alkylsulfonyloxy C₁₋₄ alkyl, C₁₋₆ haloalkylsulfonyloxy C₁₋₄ alkyl, C₁₋₆ haloalkoxysulfonyl, C₁₋₆ haloalkoxysulfonyl C₁₋₄, alkyl, C₁₋₆ dialkylsulfamoyl, C₁₋₆ dialkylsulfamoyl C₁₋₄ alkyl, C₁₋₆ alkoxy sulfonyl, C₁₋₆ alkoxy sulfonyl C₁₋₄ alkyl, C₂₋₆ cyanoalkyl, CN, C₁₋₆ thiocabamoyl, C₁₋₆ nitroalkyl, NO₂ or halogen, or two of R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰ and R¹¹ together are C₁₋₃ alkylenedioxy which may be substituted, or C₃₋₆ alkylene, which comprises reacting a compound of the formula (2)



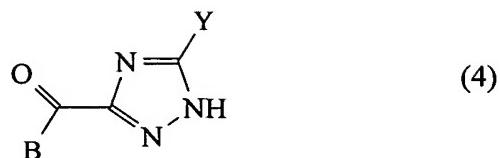
wherein A has the same meaning as defined above,

with a compound of the formula (3)



wherein R¹, R² and Y have the same meanings as defined above, and X is a halogen;

reacting a compound of the formula (4)



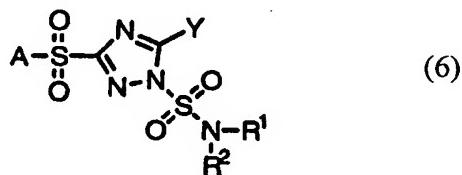
wherein B and Y have the same meanings as defined above,

with a compound of the formula (5)



wherein R¹ and R² have the same meanings as defined above and X is halogen; or

a compound of the formula (6)



wherein R¹, R², A and Y have the same meanings as defined above,

with an oxidizing agent.